

ASHBOURNE URBAN DISTRICT COUNCIL



ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

W. J. MORRISSEY, M.B., B.Ch., D.P.H.

and the

PUBLIC HEALTH INSPECTOR

T. J. TAYLOR, M.A.P.H.I., M.R.S.H.

for the year

1964



ASHBOURNE URBAN DISTRICT COUNCIL

1964

PUBLIC HEALTH COMMITTEE

Chairman


Councillor S. Taylor

Councillor J.E. Adin  
" R.J. Chambers  
" A.E. Dawson  
" C.H. Birch  
" Mrs. D. Grimshaw

Councillor T.E. Martin  
" Mrs. J.A. Mugglestone  
" G.W. Shaw  
" W. Spencer

PUBLIC HEALTH STAFF

<u>Medical Officer of Health</u>	:	W.J. Morrissey, M.B., B.Ch., D.P.H.
<u>Public Health Inspector</u>	:	T.J. Taylor, M.A.P.H.I., M.R.S.H.
<u>Typists and General Clerks</u>	:	Miss E.E. Boothman Miss H.L. Walker



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ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH

To the Urban District Council of Ashbourne

Public Health Department,  
Compton Offices,  
Ashbourne,  
Derbyshire.

September 3rd 1965

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present to you my Annual Report on the health and sanitary circumstances of the Urban District for the year ended 31st December, 1964.

The Registrar General's estimate of population for mid 1964 stands at 5,700 an increase of 40 on last year's figures.

The figures for the number of births during the year is 94 that is 51 males and 43 females. This represents an increase of 3 on the previous year's figures when 91 births (52 males and 39 females) were registered. The number of deaths registered during the year was 84 (36 males, 48 females) and this figure shows a decrease of (4) on that for the previous year. There were 2 still births during the year.

Deaths from cancer of all sites numbered 12 representing 14.3% of all deaths, and deaths from cancer of the lung and bronchus was classed as being responsible for 4 deaths.

The Infant Mortality Rate of 20.0 for England and Wales is again the lowest ever recorded in this Country.

A total of only 3 notifications of infectious diseases were recorded (as against 78 notifications recorded during 1963), made up as follows :-  
Measles 1, Whooping Cough 2.

These notifications apart, the occurrence of infectious diseases was relatively minor, but happenings in other parts of the Country in 1964 have emphasized the great need for constant vigilance. The inspection of food handling processes and the need for education in food hygiene are of paramount importance.

During 1964 I am again pleased to be able to report that we received no notifications of food poisoning cases in this district, particularly gratifying as the Aberdeen Typhoid Epidemic certainly brought the seriousness of this type of illness to everyones notice.

The Report of the Milne Committee of Inquiry into the circumstances of the outbreak of typhoid in Aberdeen has now been published and several interesting points were highlighted of particular interest to all workers in the field of public health.

Local Authority services emerged relatively unscathed although more attention to food hygiene education to organisations as well as food workers themselves was stressed.

One of the main criticisms was of the way cooked meat products including pies are handled at the retailers and several recommendations have been put forward by the Committee, two which are of special interest to all Local Authorities :-

- (a) That the Food Hygiene Regulations should be altered so that cooked meats when exposed for sale or stored prior to sale must be kept at a temperature of 40°F or below.  
(This means the compulsory use of refrigerated or chilled display and storage cabinets).

- (b) That a Code of practice should be issued to all retailers on how to store, handle and sell all cooked meats.

It is hoped that this alteration to the Regulations and the New Code of Practice will be issued in the very near future.

I have once again to place on record my thanks to the Chairman and members of the Health Committee, to Dr. Morgan, the County Medical Officer, to the General Practitioners, the Clerk of the Council, and the Public Health Inspector and other Chief Officers for their support and assistance, and to the staff of the Department for their untiring efforts during the year.

I have the honour to be,

Your obedient servant,

W.J. Morrissey

Medical Officer of Health



# STATISTICS OF THE AREA

Area of District in acres	1,075		
Estimated Mid-Year Population 1964	5,700		
Estimated number of houses	1,789		
Rateable Value	£177,720		
Product of Penny Rate	£710		
Rate in the pound		10.	4.
Loan at 31st March, 1964			
Housing	£643,810.	0.	0.
Housing Advances	£11,069.	0.	0.
Markets	£8,898.	0.	0.
Cemetery	£919.	0.	0.
Sewage Disposal, etc.	£4,335.	0.	0.
Public Conveniences	£2,744.	0.	0.
Street Lighting	£5,860.	0.	0.
Flood Prevention	£3,784.	0.	0.
Bus Station	£5,710.	0.	0.
Reimbursable Loan Debt	£8,619.	0.	0.
Total	£695,748.	0.	0.

## VITAL STATISTICS

<u>Live Births</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>
Total	51	43	94
Legitimate	45	42	87
Illegitimate	6	1	7

Crude Birth Rate per 1,000 estimated population	16.49
Area Comparability Factor	1.10
Adjusted Birth Rate	18.13
England and Wales Birth Rate for 1964	18.4

Illegitimate Live Births formed 7.44% of the total Live Births.

<u>Still Births</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>
Total	1	1	2
Legitimate	1	1	2
Illegitimate	-	-	-

Still Birth Rate per 1,000 Live and Still Births	20.83
England and Wales Still Birth Rate for 1964	16.3

<u>Total Live and Still Births</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>
Total	52	44	96
Legitimate	46	43	89
Illegitimate	6	1	7

<u>Deaths</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>
	36	48	84

Crude Death Rate per 1,000 estimated population	14.73
Area Comparability Factor	0.85
Adjusted Death Rate	12.52
England and Wales Death Rate for 1964	11.3

### Infant Deaths (Deaths under 1 Year)

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Total	-	1	1
Legitimate	-	1	1
Illegitimate	-	-	-

### Infant Mortality Rates

Total Infantile Mortality Rate per 1,000 total Live Births	10.64
Infant Mortality Rate England and Wales for 1964	20.0
Legitimate Infant Mortality Rate per 1,000 Legitimate Live Births	11.49
Illegitimate Infant Mortality Rate per 1,000 Illegitimate Live Births	Nil

### Neo-Natal Mortality (Deaths under 4 weeks)

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Total	-	1	1
Legitimate	-	1	1
Illegitimate	-	-	-

Neo-Natal Mortality Rate per 1,000 Live Births	10.64
--	-------

### Early Neo-Natal Mortality (Deaths under 1 week)

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Total	-	1	1
Legitimate	-	1	1
Illegitimate	-	-	-

Early Neo-Natal Mortality Rate per 1,000 total Live Births	10.64
--	-------

### Perinatal Mortality (Still Births and Deaths under 1 week combined)

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Total	1	2	3
Legitimate	1	2	3
Illegitimate	-	-	-

Perinatal Mortality Rate per 1,000 Live and Still Births	31.25
--	-------

### Maternal Mortality (including abortion)

Number of Deaths	Nil
------------------	-----

### Death from Cancer (all forms)

<u>Males</u>	<u>Females</u>	<u>Total</u>
8	4	12

### Deaths from Cancer (Lung and Bronchus)

<u>Males</u>	<u>Females</u>	<u>Total</u>
3	1	4



DEATHS REGISTERED DURING 1964

The following table shows the causes of deaths registered during 1964.

Causes of Death	Males	Females	Total
Syphilitic disease	-	1	1
Malignant neoplasm, stomach	1	1	2
Malignant neoplasm, lung, bronchus	3	1	4
Malignant neoplasm, breast	1	-	1
Other malignant and lymphatic neoplasms	3	2	5
Diabetes	1	3	4
Vascular lesions of nervous system	6	10	16
Coronary disease, angina	7	5	12
Hypertension with heart disease	-	3	3
Other heart disease	1	6	7
Other circulatory disease	7	3	10
Pneumonia	-	1	1
Bronchitis	5	1	6
Other diseases of respiratory system	-	1	1
Gastritis, enteritis and diarrhoea	-	1	1
Hyperplasia of prostate	1	-	1
Congenital malformations	-	1	1
Other defined and ill-defined diseases	-	4	4
All other accidents	-	3	3
Suicide	-	1	1
Total	36	48	84

INFECTIOUS DISEASES

The total of notifications of infectious diseases received during 1964 was 3 as compared with 78 in 1963.

Details of notifications received and the number removed to hospital are shown in the following table.

Disease	Number of cases	
	Notified	Removed to Hospital
Measles	1	-
Whooping Cough	2	-
Total	3	-

Tabulated below is the age incidence of infectious diseases notified during 1964.

Disease	Under 1 Year	1-	2-	3-	4-	5-9	10-14	15-25	25 and Over	Total
Measles	-	-	+	-	-	1	-	-	-	1
Whooping Cough	-	-	1	-	1	-	-	-	-	2
Total	-	-	1	-	1	1	-	-	-	3

#### TUBERCULOSIS

During 1964 no cases of Tuberculosis Respiratory were notified and there were no deaths from the disease during the year.

#### B.C.G. VACCINATION

The two schemes in operation, that is the scheme administered by the Chest Physicians on the one hand and the County Council Scheme on the other, continued to operate throughout the year. The Scheme administered by the Chest Physicians is limited to children who have been in contact with cases of Pulmonary Tuberculosis and the County Council Scheme is for school children of the age of 13 years and upwards.

#### DIPHTHERIA AND DIPHTHERIA IMMUNISATION

No cases of Diphtheria has been notified in the district during the year under review.

I am indebted to Dr. J.B.S. Morgan, the County Medical Officer, who has kindly supplied the following details regarding Diphtheria Immunisations carried out during the year in this district.

Record cards received during the year in respect of children immunised during that year.

Primary Immunisations	-	104
Booster Injections	-	33

This gives an increase of 14 primary immunisations and 17 booster injections as compared with last year's figures.

The number of children receiving booster injections for diphtheria immunisation is again very disappointing. It is hoped every effort will be made to persuade the parents to bring their children for these very necessary injections.

#### POLIOMYELITIS AND POLIOMYELITIS VACCINATION

It gives me great pleasure once again to report that no confirmed case of poliomyelitis occurred in the district during the year, but freedom from infection can only be maintained if parents continued to bring their children for immunisation.

#### IMMUNISATION AGAINST WHOOPING COUGH AND TETANUS

Arrangements for immunisation against these two complaints is available through the Derbyshire County Council and the same arrangements remained in force throughout the year. Injections are given at the County Council Clinic, or by the General Practitioners and booster doses are given after the recommended interval has elapsed.



These two Acts give authority to secure necessary care and attention for persons who :

- (a) are suffering from grave chronic diseases, or being aged and infirm or physically incapacitated are living in insanitary conditions, and
- (b) are unable to devote themselves, and are not receiving from other persons proper care and attention.

During the year an application was made to the Magistrates Court under the National Assistance Act, 1948, for the removal of a lady from 74 Mayfield Road, Ashbourne, who was living in very poor conditions. The application was made to the Court on the 28th May, 1964, and the lady was removed to Babington Hospital.

#### WELFARE SERVICES

##### Ante-Natal Clinic

Ashbourne, St. Oswald's Hospital. Thursday, 1.30 p.m. to 4.15 p.m.  
Telephone Ashbourne 681.

##### Infant Welfare Centre

Ashbourne, Empire Social Centre, Station Street. Wednesday 1.30 p.m. to 4.15 p.m.

##### Welfare Foods Distribution Centres

Ashbourne, 4 Town Hall Yard. Tuesday and Thursday, 10 a.m. to 12.45 p.m. and 2 p.m. to 4.30 p.m. Saturday 9 a.m. to 12 noon.

Ashbourne, Empire Social Centre, Station Street. Wednesday, 1.30 p.m. to 4.15 p.m.

##### Dental Clinic

Ashbourne, St. Oswald's Hospital. 2nd and 4th Thursday. Telephone Ashbourne 681.

##### Eye Clinic

Derby, Cathedral Road. 2nd and 5th Monday a.m. 1st, 3rd and 4th Monday, p.m.  
Telephone Derby 45934.

##### Minor Ailment Clinic

Ashbourne, St. Oswald's Hospital. 2nd and 4th Wednesday a.m. Doctor present.  
Telephone Ashbourne 681.

##### Orthopaedic Clinic

Derby, Cathedral Road. Thursday. Telephone Derby 45934.

##### Speech Therapy Clinic

Ashbourne, 4 Town Hall Yard. (Temporarily unstaffed.)

##### Chiropody Clinic

Ashbourne, St. Oswald's Hospital. 1st and 3rd Monday a.m. Telephone Ashbourne 681

##### Ohest Clinic

Derby, 93 Green Lane, Wednesday 9.30 a.m. to 12 noon and 6 p.m. to 8 p.m.  
Friday 9.30 a.m. to 12 noon and 2 p.m. to 4 p.m. Saturday (Contacts only)  
9.30 a.m. to 11.30 a.m. By appointment only at all sessions.  
Telephone Derby 40366.

## Exfoliative Cytology (commonly called Smear Tests for cancer of the neck of the womb)

Derbyshire County Council accepts the value of exfoliative cytology in the early diagnosis of cancer of the cervix of the uterus, and on the 29th June, 1964, the County Health Committee agreed to some of their medical staff collecting smears for cytological examination at certain County Council Clinics, and these facilities are now available at :- Ashbourne, St. Oswald's Hospital. Thursday 1.30 p.m. to 4.15 p.m.

The County Medical Officer of Health has consulted with the Local Medical Committee and it has been agreed that the patient's own doctor should have the opportunity of deciding whether to collect the smears himself or to let this be done by one of the medical officers employed at a County Council Clinic.

## Ambulance Service

The responsibility for the provision for Ambulance Service under Section 27 of the National Health Service Act, 1946 rests with the Derbyshire County Council as the Local Authority.

The Ambulance Station at Ashbourne is situated in Park Avenue near the Fire Station and is manned from 8 a.m. to 7 p.m. whilst the period 7 p.m. to 8 a.m. is covered by personnel on stand-by duty, additional cover is afforded by the main station at Mickleover which is manned throughout the 24 hours. The establishment of the Ashbourne Ambulance Station is, 1 Superintendent, 1 Senior Driver and 5 Driver/Attendants.

## Welfare of Aged and Handicapped Persons

Miss M.G. Everill, Compton Offices, Ashbourne - Tuesday 2 p.m. to 3 p.m.  
Divisional Headquarters - 2 Wilson Street, Derby. Telephone Derby 43278.

## HOSPITAL SERVICES

Cases of infectious disease occurring in the district may be removed to the Derwent Hospital, Derby.

Cases of Tuberculosis requiring admission to hospital are referred to the Chest Physician, Chest Centre, Green Lane, Derby (Telephone Derby 47866), and may be admitted to the Derwent Hospital, Draycott Hospital or to Walton Sanatorium, Chesterfield.

All admission and discharges of cases of infectious disease, including Tuberculosis, are notified to the District Medical Officer of Health.

## BACTERIOLOGICAL EXAMINATIONS

All Bacteriological Examinations in connection with milk, water, food supplies and infectious disease are carried out at the Public Health Laboratory (Medical Research Council) 121a Osmaston Road, Derby (Telephone Derby 45597).

Specimens taken by Medical Practitioners are forwarded direct to the Laboratory and the results are not communicated to this department except when a positive results leads to notification under the Infectious Diseases Regulations.



ANNUAL REPORT OF THE PUBLIC HEALTH INSPECTOR

Compton Offices,  
Ashbourne,  
Derbyshire.

September 3rd, 1965.

To the Chairman and Members of the  
Ashbourne Urban District Council

Mr. Chairman, Ladies and Gentlemen,

The new Meat Inspection Regulations which came into force in October, 1963, are now being fully implemented. Although additional time is involved at the Slaughterhouses, I am pleased to report that with the co-operation of the local meat trade the meat inspection service is functioning very satisfactorily.

During the year there was no evidence of bovine tuberculosis found in cattle passing through the town slaughterhouses and the quality of the meat remained at a high standard.

The Offices, Shops and Railway Premises Act, 1963 became operative on the 1st August, 1964, but in spite of the national publicity campaign there was a poor response by occupiers of premises liable for registration. A preliminary survey of premises was carried out and detailed inspections will be commenced as and when priorities in the Department permit.

The 10 year Housing Slum Clearance Programme has one more year to run but there still remains a "hardcore" of families who cannot be suitably rehoused. During the year 6 houses were demolished and 6 houses were closed.

There has been a slight decrease in Improvement Grant Applications but it is pleasing to note that over half of the total properties improved were tenanted houses.

Following the introduction of the Public Lavatories (Turnstiles) Act, 1963, it was necessary to remove the turnstiles from the Union Street and King Edward Street Public Conveniences, and replacement by coin locks was carried out.

I have pleasure in thanking the Chairman and Members of the Public Health Committee for their support and the Clerk of the Council, Medical Officer of Health and Engineer and Surveyor for their help and co-operation during the year.

I am Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

T.J. Taylor

Public Health Inspector





SUMMARY OF INSPECTIONS AND VISITS MADE DURING 1964

Public Health Acts.

Dwelling Houses - Inspected	48
Nuisances	9
Workplace	1
Schools	10
Theatres, Cinema, Fairs etc.	3
Verminous Premises	3
Drain Tests	39
Water Courses, Water Sampling	13
Revisits	59
Work in Progress	78

Housing Acts.

Houses Inspected	5
Improvement Grants	41
Survey	39
Overcrowding	5
Revisits	38

Food and Drugs Act.

Bakehouses	10
Dairies and Distributors	1
Restaurants, Cafes, Kitchens, etc.	21
Hotels and Licensed Premises	20
Fish Shop and Fish Friers	4
Market and Food Stalls	12
Food Preparing Premises	2
Butchers Shops	27
Food Shops	49
Slaughterhouse Inspection	10
Meat Inspection	552

Factories Act.

Factories - Power	20
Factories - Non Power	4
Offices, Shops Act-Survey	191

Other Matters.

Petroleum Act	42
Rodent Control	9
Shops Act	7
Clean Air Act	10
Interviews	462
Council House Repairs	181
Housing Tenancies	43
Public Conveniences	57
Refuse Collection and Disposal	31
Salvage	7
Sewage Disposal and Sewers	138
Miscellaneous	232

Total 2,533

DWELLING HOUSE REPAIRS

NOTICES SERVED DURING 1964  
Public Health Act, 1936

Number of Informal Notices served	23
Number of Informal Notices complied with	23
Number of Statutory Notices served	Nil
Number of Statutory Notices complied with	Nil

All complaints were investigated and Informal Notices sent to the owners when necessary, owners complying fairly quickly with Informal Notices.

HOUSING IMPROVEMENT GRANTS

A combined total of fourteen applications were received compared with fifteen in 1963.

Grants were approved in each case classified as follows :-  
Comparative figures for 1963 are shown in brackets.

Discretionary Grants

<u>Applications from Owner/Occupiers</u>	<u>Applications from Landlords</u>	<u>Total Grants Approved</u>
4 (3)	4 (-)	£1737 (£1040)

Standard Grants

<u>Applications from Owner-Occupiers</u>	<u>Application from Landlords</u>	<u>Total Grants Approved</u>
2 (10)	4 (2)	£617 (£1486)

SLUM CLEARANCE

Individual Unfit Houses dealt with during 1964.

	Houses Demolished	Displaced during year	
		Person	Families
<u>A. Houses Demolished In Clearance Areas</u>			
Houses unfit for human habitation	-	-	-
Houses included by reason of bad arrangement etc.	-	-	-
Houses on land acquired under Section 43 (2) Housing Act, 1957	-	-	-
<u>Houses Demolished Not in Clearance Areas</u>			
As a result of informal procedure under Section 17 (1) Housing Act, 1957	6	6	2
Local Authority owned houses certified unfit by the Medical Officer of Health	-	-	-
Houses unfit for human habitation where action has been taken under local Acts.	-	-	-
Unfit Houses included in Unfitness Orders	-	-	-
<u>B. Unfit Houses Closed</u>	Number		
Under Section 16 (4) 17 (1) and 35 (1) Housing Act, 1957	6	7	5
Under Sections 17(3) and 26 Housing Act, 1957.	-	-	-
Parts of building closed under Section 18, Housing Act, 1957	-	-	-



## SLUM CLEARANCE (Continued)

The position reached by the end of the year is summarised below :-

Individual Houses Demolished . . . . .	6
Houses demolished under Compulsory Purchase Order . . . . .	-
Individual Houses awaiting demolition . . . . .	-
Houses Closed . . . . .	6
Houses made fit where undertakings accepted . . . . .	-
Houses remaining to be dealt with and still occupied . . . . .	14
Number of families re-housed by the Council . . . . .	6

## RENT ACT, 1957

No applications were received for Certificates of Disrepair or other Certificates during the year.

## MOVEABLE DWELLINGS

There are no caravans used for human habitation in the district and no applications were received for Licences under the Caravan Sites and Control of Development Act, 1960.

## FOOD PREMISES

As a result of informal action various improvements were carried out at a number of food premises.

The number of food premises in the district is as follows :-

Bakehouses	7
Butchers	10
Cafes	7
Canteens	6
Confectioners	16
Fishmongers	1
Food Factory	1
Fried Fish Premises	3
Greengrocers	7
Grocers	20
Licensed Premises	19
Total	<hr/> 97 <hr/>

## FOOD AND DRUGS ACT, 1955 - SECTION 16

Number of premises registered for the manufacture and sale of ice-cream . . . . .	1
Number of premises registered for the sale of ice-cream . . . . .	39
Number of premises registered for the manufacture of preserved foods . . . . .	16

One new registration for the sale of ice-cream was made during the year.

## SLAUGHTERHOUSES

There are three licensed slaughterhouses in the town, all of which are used by local butchers, no meat being exported out of the town.

SLAUGHTERMEN

Fourteen slaughtermen were licensed under the Slaughter of Animals Act, 1933-54.

MEAT INSPECTION SUMMARY FOR 1964

	<u>Cattle</u> <u>Excluding</u> <u>Cows</u>	<u>Cows</u>	<u>Calves</u>	<u>Sheep</u> <u>and</u> <u>Lambs</u>	<u>Pigs</u>
Number slaughtered and inspected	583	-	1	1333	597
<u>CONDEMNATIONS</u>					
(1) <u>All Diseases except Tuberculosis and Cysticercosis</u>					
Whole carcasses condemned	-	-	-	-	-
Carcase of which some parts or organ was condemned	48	-	-	6	3
Percentage of number inspected affected with diseases other than Tuberculosis and Cysticercosis.	8.33%	-	-	0.45%	0.5%
(2) <u>Tuberculosis only</u>					
Whole carcass condemned	-	-	-	-	-
Carcass of which some part or organ was condemned	-	-	-	-	11
Percentage of number inspected affected with Tuberculosis	-	-	-	-	1.83%
(3) <u>Cysticercosis</u>					
Carcasses of which some part or organ was condemned	1	-	-	-	-
Carcasses submitted to treatment by refrigeration	1	-	-	-	-
Percentage of number inspected affected with cysticercosis	0.15%	-	-	-	-

ANALYSIS OF CONDEMNED MEAT (in lbs)

	<u>Beef</u>	<u>Veal</u>	<u>Mutton</u>	<u>Pork</u>
Tuberculosis	-	-	-	102
Abscesses	125	-	-	-
Parasites & Cysts	243	-	14	6
Miscellaneous	-	-	-	3
Total	368	-	14	111

FOOD CONDEMNED DURING 1964  
FROM SHOP PREMISES

Tinned Meat	88 lbs.
Meat	162 lbs.
Fish	12 lbs.



## FOOD SAMPLING

The Food and Drugs Authority is the Derbyshire County Council and the County Analyst J. Markland, Esq., B.Sc., F.R.I.C. has kindly supplied the following report on samples taken in the Urban District.

"25 samples, including 13 Milks were taken.

One sample of Tuberculin Tested Channel Island Milk contained less than the minimum requirement of 4% Fat and the Producer was cautioned.

Samples of Milk in course of delivery to a Dairy Company contained added water. Proceedings were taken against the Producer, who was fined £3 plus £4.4.0d. costs.

The remaining samples were satisfactory."

## WATER SUPPLY

The South Derbyshire Water Board provide the water supply for the town, and I am indebted to Mr. I.G. Edwards, Engineer and General Manager, South Derbyshire Water Board for his observations which are given below :-

- (a) The water supply to the area has been adequate in quantity and generally satisfactory in quality.
- (b) Regular examination is made of both raw and treated water. A total of 52 bacteriological, 4 chemical and 47 partial chemical samples were taken during the year both at the works and from various points in the Urban District. Of the 52 bacteriological samples, 3 indicated the presence of coliforms and of these, 2 were treated waters in supply. Further check samples indicated coliform-free waters.

The supply to the area is derived from three sources and the analysis of a typical blend is enclosed. The three sources and their fluoride contents are as follows :-

Rodsley Boreholes . . . . .	0.13 p.p.m.
Derby Road Well . . . . .	0.13 p.p.m.
Ladyhole Borehole . . . . .	0.05 p.p.m.

- (c) None of the water as supplied to the consumers in this area is liable to plumbo-solvent action.
- (d) All water is chlorinated before being passed into supply.
- (e) The number of dwelling houses and the number of properties supplied.
  - (i) Number of dwelling houses and houses and shops - 1902
  - (ii) Estimated population supplied - 6010
  - (iii) I have no record of the number of houses supplied by means of standpipes.

SOUTH DERBYSHIRE WATER BOARD

CHEMICAL AND MINERAL ANALYSIS

Date of Sampling 21st August, 1964

Sampling point S.D.W.B. Depot Derby Road,  
Ashbourne

Source                      Rodsley, Derby  
Road Well and Ladyhole blended

(a) PHYSICAL EXAMINATION

Colour (Hazen)	3
Turbidity (Silica Scale)	1
Taste	None
Odour	None

Suspended matter (microscopical examination) -

(b) CHEMICAL ANALYSIS

pH	7.6
Electrical Conductivity at 20° C.	441

	<u>Parts per Million</u>
Residual Chlorine	
Free	-
Monochloramines	-
Di Chloramines	-
Total	4 0.01
Free and Saline Ammonia as N	4 0.01
Albuminoid Ammonia as N	4 0.01
Nitrite Nitrogen as N	4 0.001
Nitrate Nitrogen as N	0.30
Oxygen absorbed from Permanganate in 4 hours at 27° C	4 0.10
Dissolved Oxygen	6.3
B.O.D.	-
Free CO <sub>2</sub>	9.0
Total Alkalinity (CaCO <sub>3</sub> )	-
Hardness as CaCO <sub>3</sub> :-	
Temporary                      (Alkalinity)	210
Permanent	Nil
Total	128
Calcium Hardness (CaCO <sub>3</sub> )	-
Magnesium Hardness (CaCO <sub>3</sub> )	-
Total Solids (dried at 180° C)	283
Suspended Solids (dried at 105° C)	-

(c) MINERAL ANALYSIS:

Parts per Million

Calcium as Ca	33.2
Magnesium as Mg	10.9
Sodium as Na	20.4
Potassium as K	-
Iron as Fe	0.13
Manganese as Mn	0.06
Copper as Cu	0.05
Lead as Pb	0.05
Zinc as Zn	0.08
Aluminium as Al	-
Silica as SiO <sub>2</sub>	12.4
Sulphates as SO <sub>4</sub>	45.2
Chlorides as Cl	13
Fluorides as F	-
Phosphates as PO <sub>4</sub>	-
Nitrate as NO <sub>3</sub> (calculated)	1.3

(d) ADDITIONAL ANALYSIS:

Detergents



# SEWERAGE AND SEWAGE DISPOSAL

Sewage is treated at the Council's Sewage Disposal Works, Mayfield Road, Ashbourne.

## FACTORIES ACT 1961

### Inspection of Factories

<u>Premises</u>	<u>No. on Register</u>	<u>No. of Inspections</u>	<u>Written Notices</u>	<u>Occupiers Prosecuted</u>
(i) Factories in which Sections 1,2,3,4, and 6 are to be enforced by Local Authorities	6	14	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	52	57	1	-
(iii) Other premises in which Section 7 is enforced by Local Authority	10	10	-	-
Total	68	81	1	-

Particulars  (1)	Number of Cases in which defects were found				Cases which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of Cleanliness (S.1)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary Conveniences (S.7)					
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	1	1	-	1	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	-	-	-	-	-
Total	1	1	-	1	-

OUTWORK

Nature of Work	Section 133		Section 134			
	No. of Outworkers in August required by Section (110) (c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices served (6)	Prosecuted (7)
Wearing/Making Apparel etc.	131	-	-	-	-	-
Cleaning and Washing	-	-	-	-	-	-
Total	131	-	-	-	-	-

REFUSE COLLECTION AND DISPOSAL

A weekly collection of refuse was maintained throughout the year. Tipping is carried out on the Clifton Tip of Ashbourne Rural District Council.

A joint Refuse Disposal Committee consisting of representatives from the Rural District and Urban District Councils deals with matters arising in this combined method.

SALVAGE

Waste Paper

A weekly collection was made from business premises, 64 tons 10 cwt 2 qrs being baled and sold for £403. 6. 5d.

Scrap Metals etc.

The following scrap metals etc., were salvaged and sold during the year :-

	Tons	Cwts.	Qrs	Lbs	£.	s.	d.
Scrap Mixed	2	3	-	-	15.	1.	0
Scrap Brass	-	-	3	6	4.	6.	9
Scrap Copper	-	4	2	14	33.	10.	8
Scrap Lead	-	2	1	24	6.	15.	5
Cast Iron	1	9	2	-	14.	15.	0
Total					74.	8.	10



# RODENT CONTROL

	TYPE OF PROPERTY				
	Non-Agricultural				
Investigations and Treatments carried out.	(1) Local Authority	(2) Dwelling Houses (inc. Council Houses)	(3) All Other (including Business Premises)	(4) Total of Cols. (1) (2) & (3)	(5) Agricultural
No. of properties in Local Authority's District.	10	1820	470	2300	8
No. of properties inspected as a result of :					
(a) Notification	2	17	6	25	1
(b) Survey under Act	2	7	2	11	1
(c) Otherwise (when visited primarily for some other purpose	-	-	-	--	-
Number of properties inspected which were found to be infested by :					
(a) Rats (Major	-	-	-	-	1
(Minor	1	7	2	10	-
(b) Mice (Major	-	-	-	-	-
(Minor	1	10	4	15	-
Number of infested properties treated	2	17	6	25	1

In addition to the treatments included in the above Table one test bait and two poison bait treatments of the sewers were carried out during the year. Sewers in the centre of the town were found to be lightly infested.

## PETROLEUM ACTS AND REGULATIONS

Number of Licences issued . . . . . 21

Total quantity of petrol covered by Licences . . . 40,900 gallons

## PUBLIC CONVENIENCES

Public conveniences are maintained by the Council at Union Street, Omnibus Station, in the War Memorial Gardens and at the cemetery.



